

**REMARKS**

The present application is a divisional of co-pending United States Patent Application No. 10/156,619, filed May 28, 2002.

The referenced parent application was the subject of a restriction requirement, where Claims 1-8 directed to a method of object detection and ranging were elected for prosecution and Claims 9-15 directed to an apparatus for object detection and ranging were cancelled without prejudice. The present divisional application is filed to pursue original Claims 9-15 from the parent application, directed to an apparatus for object detection and ranging. As such, the original Claims 1-8 are being cancelled herein in favor of Claims 9-15.

The specification has also been amended to insert a reference to the above identified parent application, at page 1 between the title and the Background of the Invention.

Entry of the present amendments prior to examination, and favorable consideration of this application, is respectfully requested.

Respectfully submitted,



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